

## WEST Search History for Application 10669925

Creation Date: 2010091012:07

Hildebrand-william\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
Buchli-rico\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(Buchli-rico\$.in. ) or (Hildebrand-william\$.in. )PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assayPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hlaPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hlaPGPB, USPT,  
EPAB, JPAB, DWPI OR 05-01-2009  
elisa same (detect\$5 adj anti-hla\$7)PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj assay\$) same (anti-hla\$5)PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) )PGPB,  
USPT, EPAB, JPAB, DWPI OR 05-01-2009  
sandwich adj elisa\$PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ ) same orient\$7PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same  
orient\$7 )PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 ) and @pd > 20070308PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 and @pd > 20070308 ) and @pd > 20071030PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 and @pd > 20070308 and @pd > 20071030 ) and @pd > 20080708PGPB, USPT,  
EPAB, JPAB, DWPI OR 05-01-2009  
Hildebrand-william\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
Buchli-rico\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(Buchli-rico\$.in. ) or (Hildebrand-william\$.in. )PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assayPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hlaPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hlaPGPB, USPT,  
EPAB, JPAB, DWPI OR 05-04-2009  
elisa same (detect\$5 adj anti-hla\$7)PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(sandwich adj assay\$) same (anti-hla\$5)PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009

((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) )PGPB,  
 USPT, EPAB, JPAB, DWPI OR 05-04-2009  
 sandwich adj elisa\$PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
 (sandwich adj elisa\$ ) same orient\$7PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
 (sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7PGPB, USPT, EPAB, JPAB,  
 DWPI OR 05-04-2009  
 (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7PGPB, USPT, EPAB, JPAB,  
 DWPI OR 05-04-2009  
 (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same  
 orient\$7 )PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
 (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
 orient\$7 ) and @pd > 20070308PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
 (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
 orient\$7 and @pd > 20070308 ) and @pd > 20071030PGPB, USPT, EPAB, JPAB,  
 DWPI OR 05-04-2009  
 (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
 orient\$7 and @pd > 20070308 and @pd > 20071030 ) and @pd > 20080708PGPB, USPT,  
 EPAB, JPAB, DWPI OR 05-04-2009  
 (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
 orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 ) and @pd >  
 20090501PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009

## Prior Art Searches

| Query   | DB                                       | Op. | Plur. | Thes. | Date       |
|---|--|-----|-------|-------|------------|
| Hildebrand-william\$.in.                                      | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
| Buchli-rico\$.in.   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
| (Buchli-rico\$.in. ) or (Hildebrand-william\$.in. )           | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
| (Buchli-rico\$.in. or Hildebrand-william\$.in. ) and<br>assay | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
|   |  | OR  | YES   |       | 03-02-2010 |

|   |  |    |     |  |            |
|---|--|----|-----|--|------------|
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$</b>                               | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI |    |     |  |            |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hla</b>                       | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hla</b>          | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>elisa same (detect\$5 adj anti-hla\$7)</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj assay\$) same (anti-hla\$5)</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) )</b> | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>sandwich adj elisa\$</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj elisa\$ ) same orient\$7</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |

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|---|--|----|-----|--|------------|
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same orient\$7 )</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 ) and @pd &gt; 20070308</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd &gt; 20070308 ) and @pd &gt; 20071030</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd &gt; 20070308 and @pd &gt; 20071030 ) and @pd &gt; 20080708</b>                       | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd &gt; 20070308 and @pd &gt; 20071030 and @pd &gt; 20080708 ) and @pd &gt; 20090504</b> | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| <b>Hildebrand-william\$.in.</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>Buchli-rico\$.in.</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>(Buchli-rico\$.in. ) or (Hildebrand-william\$.in. )</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |

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|---|--|----|-----|--|------------|
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay</b>                                 | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$</b>                               | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hla</b>                       | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hla</b>          | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>elisa same (detect\$5 adj anti-hla\$7)</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>(sandwich adj assay\$) same (anti-hla\$5)</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) )</b> | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>sandwich adj elisa\$</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| <b>(sandwich adj elisa\$ ) same orient\$7</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |

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|---|---|-----------|------------|--|-------------------|
| <b>(sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7</b>   | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7</b>   | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same orient\$7 )</b>  | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 ) and @pd &gt; 20070308</b>   | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd &gt; 20070308 ) and @pd &gt; 20071030</b>   | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd &gt; 20070308 and @pd &gt; 20071030 ) and @pd &gt; 20080708</b>   | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd &gt; 20070308 and @pd &gt; 20071030 and @pd &gt; 20080708 ) and @pd &gt; 20090504</b>                       | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |
| <b>(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd &gt; 20070308 and @pd &gt; 20071030 and @pd &gt; 20080708 and @pd &gt; 20090504 ) and @pd &gt; 20100304</b> | <b>PGPB,<br/>USPT,<br/>EPAB,<br/>JPAB,<br/>DWPI</b> | <b>OR</b> | <b>YES</b> |  | <b>09-10-2010</b> |